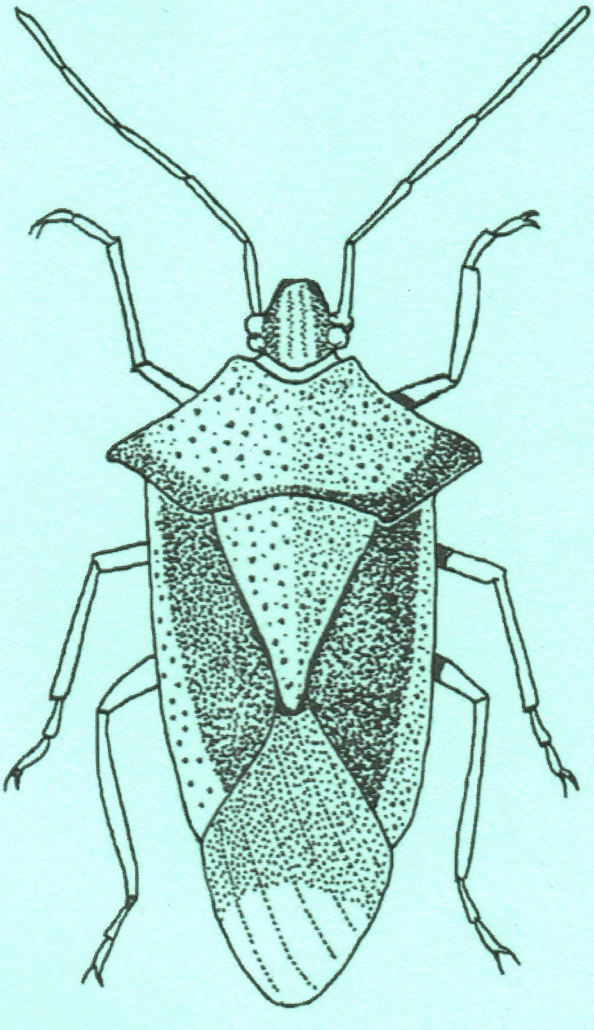
SECOND SUPPLEMENT TO A BIBLIOGRAPHY OF IRISH ENTOMOLOGY

compiled by

James P. O'Connor



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SECOND SUPPLEMENT

TO

A BIBLIOGRAPHY OF IRISH ENTOMOLOGY

compiled by

James P. O'Connor MRIA

Emeritus Entomologist

National Museum of Ireland, Kildare Street, Dublin 2, Ireland.

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Cover illustration: the Hawthorn Shield Bug (*Acanthosoma haemorrhoidale*)
after Sean Milne from *Irish Indoor Insects*
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Preface

When *A Bibliography of Irish Entomology* was published in 1984, it was possible to cover almost 150 years of research on Irish insects in a volume of 361 pages. Over that period, both amateurs and professionals mainly published their Irish data in a small number of journals produced in Britain and Ireland. The *First Supplement* was published in 2005 and it dealt with twenty years (1980-2000). Some books were included along with additional journals but mainly due to the increase in research output, the supplement consisted of 186 pages. Since then, there has been greater governmental and international funding for *inter alia* environmental and conservation studies. In addition, Irish authors are now publishing in an ever increasing range of international journals. As a consequence, although the present volume only covers ten years (2001-2011), the bibliographic content is nearly the same as the *First Supplement*. In the present supplement, an author index is provided and it covers all three volumes. The index will be an aid for researchers in their studies. There is also a full list of publications by Alexander Henry Haliday. Coincidentally, the Second Supplement also contains 186 pages.

James P. O'Connor
Editor
The Irish Biogeographical Society
30 March 2012

THIS BOOK IS DEDICATED TO THE MEMORY
OF MY LATE PARENTS
PATRICK AND MARY O'CONNOR

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Introduction

In 1984, *A Bibliography of Irish Entomology* was published by Flyleaf Press, Dublin. In 2005, this was followed by the *First Supplement* which covered the years 1981-2000 for journals already abstracted in the previous volume. However, the opportunity was taken to include some new journals, reprints sent by authors, corrections and omissions. In addition, a selection of books were added. The latter category was not comprehensive but was included to be of assistance to students and others commencing study of a particular group.

The *Second Supplement* follows the approach taken in the *First Supplement*. However, the titles of journals are given in full. Additional journals have also been included. It covers the period 2001-2011.

As in the previous volume, the author citations of articles reporting specimens shown at the Annual Exhibition of the British Entomological and Natural History Society posed a problem. They are given under the name of the person who compiled the report on the relevant section.

Similarly, works with two or more orders cited in the text are included in the General section and also under the relevant Orders if the contents are of significance. However, this has not been always possible as some cited articles were unavailable for abstraction. The *Second Supplement* was compiled by a page-by-page search of available volumes of the listed periodicals. Other journals were searched on-line.

Within each order, the items are listed under the author's name and under each author, they are listed in order of date of publication. Details of errors or omissions would be gratefully received by the compiler J. P. O'Connor so that they can be corrected at a latter date. They should be sent to him at the Natural History Division, National Museum of Ireland, Kildare Street, Dublin 2, Ireland.

Alexander Henry Haliday is undoubtedty one of Irish greatest scientists. Every year, thousands of scientific papers are publish throughout the world where his work is cited especially species described by him. Recently, Robert Nash and the author compiled a comprehensive bibliography of Haliday's publications. This is given as an appendix as some papers and reviews had been missed in the *Bibliography* and *First Supplement*. Since his works are easily accessible through the Biodiversity Heritage Library and Google Books websites, the provision of the bibliography should make his research relevant to more entomologists.

The present volume also contains an author index to all three volumes. This should be of assistance in tracing the research carried out by particular workers on the Irish insects.

Acknowledgements

The compiler wishes to thank the Committee of The Irish Biogeographical Society for funding the publication of the *Second Supplement*. I am also grateful to Dr Brian Nelson (National Parks and Wildlife Service, Dublin) who generously made available references which he had compiled and Dr Patrick Ashe who provided previously overlooked references. Mr Nigel Monaghan (Keeper, Natural History Division, National Museum of Ireland) kindly provided facilities in the Museum.

Section 1. General Papers

Note: it was not possible to check all papers on macroinvertebrates for the relevant orders. As a result, some of these papers are not repeated in the other sections.

Anon. (2007) Royal Irish Academy. Praeger Fund for Field Natural History. *Irish Naturalists' Journal* **28** (2006): 335 (Coleoptera, Diptera, Lepidoptera, Trichoptera).

Anon. (2008) The Marsh Award for Insect Conservation. Dr Martin C. D. Speight. *Antenna* **32**: 126.

Anon. (2008) Celebrating Irish entomologists. *Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre* **Issue 2**: 13 (Ken Bond, Martin Speight).

Anon. (2011) Meeting reports. 'Invasive insects: implications for plant health, animal health, public health and the environment'. *Antenna* **35**: 192 (beetle invasions, bumblebees, harlequin ladybird, mosquitoes, western corn rootworm).

Alexander, K. N. A. (2002) The invertebrates of living and decaying timber in Britain and Ireland. A provisional annotated checklist. *English Nature Research Reports* **No. 467**. English Nature, Peterborough (Coleoptera, Diptera, Hemiptera, Hymenoptera, Lepidoptera).

Anderson, A., Helden, A. J., Purvis, G. and Kirwan, L. (2005). Assessing indicators of biodiversity in agricultural grasslands? Some preliminary results from monitoring grassland arthropods. *Tearmann: The Irish Journal of Agri-environmental Research* **4**: 51-65.

Anderson, R. (2007) Insect and invertebrate review 2005-2006. *Irish Naturalists' Journal* **28** (2006): 335-337 (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Hymenoptera, Lepidoptera, Mecoptera, Odonata, Plecoptera, Strepsiptera).

Anderson, R. (2008) Insect and invertebrate review 2006-2007. *Irish Naturalists' Journal* **29**: 66-69 (Coleoptera, Diptera, Hemiptera, Hymenoptera, Strepsiptera).

Anderson, R. (2008) Terrestrial invertebrates. *Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre* **Issue 1**: 9-11 (Coleoptera, Diptera, Hemiptera, Hymenoptera, Strepsiptera).

Ashe, P., O'Connor, J. P. and Murray, D. A. (2005) A checklist of Irish aquatic insects. InvertebrateIreland Online, Ulster Museum, Belfast and National Museum of Ireland, Dublin.

Austin, A. (2002) The Dublin Naturalists Field Club Report for 1999. *Irish Naturalists' Journal* **26** (2001): 432-433 (butterfly recording).

Baars, J.-R. (2011) Classical biological control for the management of alien invasive species in Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 1-10 (Coleoptera, Collembola, Diptera, Hemiptera, Hymenoptera, Lepidoptera).

Baars, J.-R., and Kelly-Quinn, M. (2005) Monitoring freshwater diversity in streams draining catchments under intensive agricultural activities in Ireland. *Tearmann* **4**: 91-102.

Baker, R. A. and Bayliss, R. A. (2003) A comment on the life and work of Professor Gregg Wilson (1865-1951) of Queen's College and University, Belfast and the links between professional and amateur naturalists in Ireland in the late nineteenth and early twentieth centuries. *Irish Naturalists' Journal* **27**: 174-183 (insect lectures, mosquitoes).

Baker, R. A. and Bayliss, R. A. (2005) James Nathaniel Halbert (1872-1948): Irish acarologist, entomologist and museum naturalist – with special reference to acarology. *Irish Naturalists' Journal* **28**: 107-115.

Becerra Jurado, G., Callanan, M., Gioria, M., Baars J.-R., Harrington, R. and Kelly-Quinn, M. (2009) Comparison of macroinvertebrate community structure and driving environmental factors in natural and wastewater treatment ponds. *Hydrobiologia* **634**: 153-165.

Becerra-Jurado, G., Harrington, R. and Kelly-Quinn, M. (2011) A review of the potential of surface flow constructed wetlands to enhance macroinvertebrate diversity in agricultural landscapes with particular reference to Integrated Constructed Wetlands (ICWs). *Hydrobiologia* Online First™, 6 October 2011.

Becerra Jurado, G., Johnson, J., Feeley, H., Harrington, R. and Kelly-Quinn, M. (2010) The potential of Integrated Constructed Wetlands (ICWs) to enhance macroinvertebrate diversity in agricultural landscapes. *Wetlands* **30**: 393-404.

Becerra Jurado, G., Masterson, M., Harrington, R., Baars, J.-R. and Kelly-Quinn, M. (2008) Macroinvertebrate diversity in constructed ponds: community structure and driving environmental factors. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **30**: 489-492.

Becerra-Jurado, G., Masterson, M., Harrington, R. and Kelly-Quinn, M. (2008) Evaluation of sampling methods for biodiversity estimation in heavily vegetated ponds. *Hydrobiologia* **597**: 97-107 (includes Coleoptera, Diptera, Hemiptera).

Bolger, T. (1997) George Herbert Carpenter. Pp 1-3. *In* Bolger, T. (ed.) *Proceedings of IX International Colloquium on Apterygota, Dublin 1996. Pedobiologia* **41**: 1-224 (Collembola, Diptera, Orthoptera,Thysanura).

Bradley, C. M., Kelly-Quinn, M., Tierney, D., Murray, D. A. and Ashe, P. J. (2003) Preliminary analysis of the longitudinal patterns occurring in macroinvertebrate assemblages in river catchments in Ireland. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **28**: 1576-1580

Bradley, C. M., McGuinness, C., Baars, J.-R., Tierney, D., Trodd, W. and Kelly-Quinn, M. (2005) Species-level indicators of reference conditions in Irish rivers. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **29**: 453-456.

Burton, J. F. (2011) Entomologists I have know. *Entomologist's Record and Journal of Variation* **123**: 170-181 (Cynthia Longfield, Captain R. A. (Rex) Jackson).

Callanan, M., Baars, J.-R. and Kelly-Quinn, M. (2009) Comparison of the macroinvertebrate communities of seepage and lake-fed headwater streams. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **30**: 685-689.

Carroll, E., Sparks, T., Donnelly, A. and Cooney, T. (2009) Irish phenological observations from the early 20th century reveal a strong response to temperature. *Biology and Environment: Proceedings of the Royal Irish Academy* **109B**: 115-126 (Hymenoptera, Lepidoptera).

Chandler, P. (2009) Obituary. William James Parker 1920-2009. *British Journal of Entomology and Natural History* **22**: 115-116 (visited Ireland).

Chinery, M. (2005) *Complete British insects*. HarperCollins, London (Coleoptera, Dermaptera, Dictyoptera, Diptera, Ephemeroptera, Hemiptera, Hymenoptera, Lepidoptera, Mecoptera, Megaloptera, Neuroptera, Odonata, Orthoptera, Plecoptera, Trichoptera).

Courtney, R., O'Neill, N., Harrington, T. and Breen, J. (2010) Macro-arthropod succession in grassland growing on bauxite residue. *Ecological Engineering* **36**: 1666-1671.

Cruikshanks, R., Tierney, D., McGuinness, C. and Kelly-Quinn, M. (2005) Observations of recovery of the benthic macroinvertebrate community in an acid-impacted upland stream in Ireland. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **29**: 1529-1534.

Cummins, S. and O'Halloran, J. (2002) An assessment of the diet of nestling stonechats *Saxicola torquata* using compositional analysis. *Bird Study* **49**: 139-145 (Coleoptera, Hymenoptera, Lepidoptera).

Curtis, T., Downes, S. and Ní Chathin, B. (2009) The ecological requirements of water-dependent habitats and species designated under the habitats directive. *Biology and Environment: Proceedings of the Royal Irish*

Academy **109B**: 261-319 (Coleoptera, Diptera, Hemiptera).

Cuthbertson, A. G. S. and Murchie, A. K. (2005) Techniques for environmental monitoring of predatory fauna on branches of Bramley apple trees in Northern Ireland. *International Journal of Environmental Science and Technology* **2**: 1-6 (Coleoptera, Dermaptera, Hemiptera).

Davies, J. (2009) Who was…? Honorific names: some more mini-biographies. *British Simuliid Group Bulletin* **32**: 11-13 (*Simulium buckleyi* De Meillon named (implicit) for John Joseph Cronin Buckley (1904-1972)).

Davies, J. (2010) Who was…? Honorific names: some more mini-biographies. *British Simuliid Group Bulletin* **33**: 14-20 (James Patrick McMahon (1904-1983) of Irish descent).

Dineen, G., Harrison, S. S. C. and Giller, P. S. (2007) Seasonal analysis of aquatic and terrestrial invertebrate supply to streams with grassland and deciduous riparian vegetation. *Biology and Environment: Proceedings of the Royal Irish Academy* **107B**: 167-182 (Coleoptera, Collembola, Diptera, Ephemeroptera, Hemiptera, Hymenoptera, Lepidoptera, Plecoptera, Trichoptera. No species mentioned)

Faulkner, J. (2007) County Armagh Wildlife Society – Hon. Secretary's report to members for 2006. *Irish Naturalists' Journal* **28**: 430-431 (Hymenoptera and Lepidoptera mentioned but no species given).

Feeley, H. B., Woods, M., Baars, J.-R. and Kelly-Quinn, M. (2011) Refining a kick sampling strategy for the bioassessment of benthic macroinvertebrates in headwater streams. *Hydrobiologia*, Online First™, 2 November 2011.

Fenwick, S. (ed.) *Archives of the Royal Entomological Society*. Ashgate Publishing, London. 198pp (A. H. Haliday).

Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) (2009) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.

Fitzpatrick, Ú., Regan, E. and Lysaght, L. (2011) Ireland's biodiversity in 2010. *Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre* **Issue 7**: 4-5 (Coleoptera, Hymenoptera, Lepidoptera, Odonata).

Flavin, D. A., Biggane, S. S., Shiel, C. B., Smiddy, P. and Fairley, J. S. (2001) Analysis of the diet of Daubenton's bat *Myotis daubentonii* in Ireland. *Acta Theriologica* **46**: 43-52 (Diptera, Trichoptera).

Foster, G. (2002) Obituary. John William Alexander Francis Balfour-Browne 1907-2001. *Entomologist's Monthly Magazine* **138**: 165-170 (Born in Larne).

Foster, G. N. (2007) Browsing section –Alexander Henry Haliday – *if we do not*

try to do more than we do we shall do less than we do. *Latissimus* **22**: 27.

Foster, W. (2006) Stamps of approval. *Antenna* **30**: 120-121 (illustrations of Irish stamps depicting Lepidoptera).

Gilbert, P. (2007) *A source book for biographical literature on entomologists.* Backhuys Publishers, Leiden.

Good, J. A. (1998) The potential role of ecological corridors for habitat conservation in Ireland: a review. *Irish Wildlife Manuals*. **No. 2**. 72pp (Coleoptera, Diptera, Lepidoptera).

Good, J. A. (2001) Farms as biogeographical units: 1. Habitats and faunal changes as influenced by farmer decision-making on a mixed farm in south Cork, Ireland. *Bulletin of the Irish Biogeographical Society* **25**: 220-247 (Lepidoptera, Odonata).

Good, J. A. (2009) Local and regional studies of Cryptobiota: esoteric stamp-collecting or essential ecology? *Bulletin of the Irish Biogeographical Society* **33**: 115-169 (Coleoptera, Diptera, Hymenoptera, Lepidoptera, Odonata).

Gray, N. F. and Delaney, E. (2010) Measuring community response of bentic macroinvertebrates in an erosional river impacted by acid mine drainage by use of a simple model. *Ecological Indicators* **10**: 668-675 (Coleoptera, Diptera, Ephemeroptera, Lepidoptera, Trichoptera).

Haggett, G. (2009) Eric Classey. *Entomologist's Record and Journal of Variation* **121**: 34-36 (Irish collecting).

Hancock, G. (2008) People and historical notes. James Joseph Francis Xavier King (1855-1933). *Cranefly Newsletter* **No. 17**: 6-7. *In Bulletin of the Dipterists Forum* **No. 66** (Ireland mentioned).

Hannigan, E., Mangan, R. and Kelly-Quinn, M. (2011) Evaluation of the success of mountain blanket bog pool restoration in terms of aquatic macroinvertebrates. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 95-105 (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Trichoptera).

Harrington, R., Carroll, P., Carty, A. H., Keohane, J. and Ryder, C. (2007) Integrated Constructed Wetlands: concept, design, site evaluation and performance. *International Journal of Water* **3**: 243-256. (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Odonata).

Helden, A. J., Anderson, A., Sheridan, H. and Purvis, G. (2010) The role of grassland sward islets in the distribution of arthropods in cattle pastures. *Insect Conservation and Diversity* **3**: 291-301.

Hladyz, S., Tiegs, S. D., Gessner, M. O., Giller, P. S., Rîşnoveanu, G., Preda, E., Nistorescu, M., Schindler, M. and Woodward, G. (2010) Leaf-litter breakdown in pasture and deciduous woodland streams: a comparison

among three European regions. *Freshwater Biology* **55**: 1916-1929 (macroinvertebrates).

Irvine, K., Free, G., de Eyto, E., White, J., Allott, N. and Mills, P. (2001) The EC water framework directive and monitoring lakes in the Republic of Ireland. *Freshwater Forum* **16**: 48-64 (Ephemeroptera, Hemiptera, Plecoptera).

Jess, S., Kearns, C. and Matthews, D. I. (2007) A survey of annual pesticide usage during the control of sheep ectoparasites in Northern Ireland, 2005. *Journal of Agricultural Science* **145**: 517-528.

Johnson, M., O'Gorman, K., Gallagher, M., Clenaghan, C., Giller, P. S. and O'Halloran, J. (2001) The identification and amelioration of the impacts of clearfelling operations on lotic macroinvertebrates and salmonids in Ireland. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **27** (2000): 1565-1570 (Diptera, Ephemeroptera, Plecoptera).

Johnson, M. J., Giller, P. S., O'Halloran, J., O'Gorman, K. and Gallagher, M. B. (2005) A novel approach to assess the impact of landuse activity on chemical and biological parameters in river catchments. *Freshwater Biology* **50**: 1273-1289 (Ephemeroptera, Plecoptera, Trichoptera).

Johnston, P. and Reilly, E. (2007) Plant and insect remains. Pp 55-62 (with Appendix, 90-92). *In* O'Sullivan, A., Sands, R. and Kelly, E. P. (eds) *Coolure Demesne crannog: an introduction to its archaeology and landscapes*. Wordwell Ltd., Bray.

Kelly, D. W., Dick, J. T. A., Montgomery, W. I. and Macneil, C. (2003) Differences in composition of macroinvertebrate communities with invasive and native *Gammarus* spp. (Crustacea: Amphipoda). *Freshwater Biology* **48**: 306-315.

Kelly-Quinn, M., Bradley, C., Murray, D., Tierney, D., Ashe, P., Bracken, J. and McGarrigle, M. (2003) Physico-chemical characteristics and macroinvertebrate communities of the Caher River. *Biology and Environment: Proceedings of the Royal Irish Academy* **103B**: 187-196 (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Lepidoptera, Plecoptera, Trichoptera).

Kelly-Quinn, M., Murray, D., Bradley, C. and Tierney, D. (2002) The biological integrity of aquatic systems a perspective on invertebrates. *In* Convery, F. and Feehan, J. (eds) *Achievement and Challenge Rio +10 and Ireland.* The Environmental Institute, Dublin.

Kibichii, S., Baars, J.-R. and Kelly-Quinn, M. (2009) Optimising sample volume and replicates using the Bou-Rouch method for the rapid assessment of hyporheic fauna. *Marine and Freshwater Research* **60**: 83-96.

Knight, L. R. F. D. and Penk, M. R. (2010) Groundwater Crustacea of Ireland: a survey of the stygobitic Malacostraca in caves and springs. *Biology and Environment: Proceedings of the Royal Irish Academy* **110B**: 211-235 (Coleoptera, Collembola, Diptera, Ephemeroptera, Plecoptera, Trichoptera).

Little, R., Bowman, J. J., McGarrigle, M. L., Free, G., Donnelly, K., Tierney, D., Caroni, R. and Irvine, K. (2007) Implementation of the Water Framework Directive: investigations for establishing a lake typology using littoral macroinvertebrates in the Republic of Ireland. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **29**: 2192-2196.

Long, M. (2004) Report of Galway Naturalists' Field Club (Club Nádúraithe na Gaillimhe) 2002-2003. *Irish Naturalists' Journal* **27**: 366-368 (Coleoptera, Lepidoptera).

Lynch, Á. B. and McCann, Y. (2007) The diet of the pine marten (*Martes martes*) in Killarney National Park. *Biology and Environment: Proceedings of the Royal Irish Academy* **107B**: 67-76 (Coleoptera, Hymenoptera, Lepidoptera. None identified to species).

Maki, A. M. (2010) Aquatic macroinvertebrate biodiversity of an Irish constructed wetland system, two years after construction. *Bulletin of the Irish Biogeographical Society* **34**: 128-138 (Coleoptera, Diptera, Hemiptera, Lepidoptera).

Martin, R., Oxbrough, A., Gittings, T., Kelly, T. C. and O'Halloran, J. (2010) New records and rare invertebrate specimens recorded during a decade of forest biodiversity research in Ireland. *Antenna* **34**: 11-118 (Coleoptera, Diptera).

Mayhew, P. (2011) Meeting reports. Insect Parasitoid Special Interest Group. *Antenna* **35**: 44-45 (Annette Anderson: agricultural grassland arthropod diversity).

McCormack, S., Nolan, M. and Regan, E. (2006) Coleoptera, Araneae, and aquatic Hemiptera recorded from three mountain areas in northwestern Ireland. *Bulletin of the Irish Biogeographical Society* **30**: 302-333.

McGoff, E. and Irvine, K. (2009) A test of the association between Lake Habitat Quality Assessment and macroinvertebrate community structure. *Aquatic Conservation: Marine & Freshwater Ecosystems* 19: 520-533.

McGuinness, C. A., Bradley, C. and Kelly-Quinn, M. (2006) Composition of ephemeropteran communities along a pollution gradient in Irish rivers. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **29**: 1095-1098.

McLean, I. (2008) Notable recent records. *Sciomyzidae Recording Scheme*

Newsletter **4**: 1-2. *In Bulletin of the Dipterists Forum* **No. 66** (new *Pherbellia*).

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Section 10. Hymenoptera

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Section 11. Lepidoptera

Anon. (2002) Migrant butterflies during 2001. *Atropos* **15**: 26-30 (*Danaus plexippus*).

Anon. (2002) Insects reported during the early part of 2002. *Atropos* **16**: 74-75 (*Hyles livornica*).

Anon. (2002) Insects reported during the early part of 2002. *Atropos* **17**: 17-19 (*Colias croceus*, *Hyles livornica*).

Anon. (2003) Migrant butterflies during 2002. *Atropos* **18**: 17-18 (*Vanessa atalanta*, *V. cardui*, *Colias croceus*, *Danaus plexippus*).

Anon. (2003) Migrant round-up. *Atropos* **18**: 69-71 (*Acherontia atropos*).

Anon. (2003) Insects reported during the early part of 2003. *Atropos* **19**: 71-72 (*Vanessa atalanta*, *V. cardui*, *Plutella xylostella*).

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Reynolds, J. D. and O'Keeffe, C. (2005) Dietary patterns in stream- and lake-dwelling populations of *Austropotamobius pallipes*. *Bulletin Français de la Pêche et de la Pisciculture* **376-377**: 715-730.

Riipinen, M. P., Fleituch, T., Hladyz, S., Woodward, G., Giller, P. and Dobson, M. (2010) Invertebrate community structure and ecosystem functioning in European conifer plantation streams. *Freshwater Biology* **55**: 346–359.

Ryder, L., de Eyto, E., Gormally, M., Sheehy Skeffington, M., Dillane, M. and Poole, R. (2011) Riparian zone creation in established coniferous forests in Irish upland peat catchments: physical, chemical and biological implications. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 41-60.

Sivec, I. and Stark, B. P. (2002) The species of *Perla* (Plecoptera: Perlidae): evidence from egg morphology. *Scopolia* **49**: 1-33 (*P. bipunctata*).

Smith, C., Good, M., Murphy, J. F., Giller, P. S. and O'Halloran, J. (2000) Life-history patterns and spatial and temporal overlap in an assemblage of lotic Plecoptera in the Araglin Catchment Study Area, Ireland. *Archiv für Hydrobiologie* **150**: 117-132.

Zwick, P. (2011) Polymorphism and taxonomic problems in the *Perlodes microcephalus* group (Plecoptera: Perlodidae); *Perlodes mortoni* removed from synonymy. *Illiesia* **7**: 291-296 (Irish *Perlodes* is indeed *P. microcephalus*).

Section 19. Protura

McCormack, S. (2009) Subphylum Hexapoda Class Entognatha. p. 96. *In* Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.

Section 20. Psocoptera

Alexander, K. N. A. (2007) *Atlantopsocus adustus* (Hagen) (Psoc.: Psocidae) new to Britain from east Cornwall. *Entomologist's Record and Journal of*

Variation **119**: 76 (*A. personatus* mentioned).

Alexander, K. N. A. and Saville, R. E. (2009) Seven arboreal barkflies newly-recognized in Ireland and records of other species from six historic demesnes across Northern Ireland (Insecta: Psocoptera). *Irish Naturalists' Journal* **29** (2008): 102-106.

Leinhard, C. and Smithers, C. (2002) Psocoptera – world catalogue and bibliography. *Instrumenta Biodiversitatis* **No. V**. Muséum d'histiore naturelle, Genève.

New, T. R. (2005) Psocids Psocoptera (Booklice and barklice). *Handbooks for the Identification of British Insects* **1**(7).

O'Connor, J. P. and Vaucheret, S. (2006) *Dorypteryx longipennis* Smithers (Psocopt., Psyllipsocidae) new to Ireland and a further Irish record of *Badonnelia titei* Pearman (Psocopt., Sphaeropsocidae). *Entomologist's Monthly Magazine* **142**: 62.

Regan, E. and McCormack, S. (2009) Class Insecta. Pp 97-111. *In* Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.

Saville, B. (2001) New British barklice (Psocoptera) since 1974. *Entomologist's Monthly Magazine* **137**: 79-83 (mentions *Ectopsocus petersi* and *E. axillaris*).

van Zuijlen, J. W. A. and Belgers, J. D. M. (2011) De stofluis *Philotarsus parviceps* nieuw voor Nederland (Psocoptera: Philotarsidae). *Entomologische Berichten* **71**: 46-49 (*P. picicornis*).

Section 21. Siphonaptera

Brinck-Lindroth, G. and Smit, F. G. A. M. (2007) The fleas (Siphonaptera) of Fennoscandia and Denmark. *Fauna Entomologica Scandinavica* **41** (*Callopsylla waterstoni*, *Amalaraeus penicilliger mustelae*, *Frontopsylla laeta*, *Nycteridopsyalla longiceps*).

Dillane, E., Kelly, T. C. and Smiddy, P. (2002) New records of fleas (Siphonaptera) from the nests of house martins. *Irish Naturalists' Journal* **27**: 159-163.

George, R. S. (2008) *Atlas of the fleas (Siphonaptera) of Britain and Ireland.* Biological Records Centre, Wallingford.

Pilgrim, R. L. C. and Galloway, T. D. (2003) Descriptions of flea larvae (Siphonaptera: Ceratophyllidae, Leptopsyllidae) found in nests of the house martin, *Delichon urbica* (Aves: Hirundinidae), in Great Britain.

Journal of Natural History **37**: 473-502.
Regan, E. (2009) *Irish butterflies and insects*. Appletree Press, Belfast.
Regan, E. and McCormack, S. (2009) Class Insecta. Pp 97-111. *In* Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.
Sleeman, P. (1997) Mammals and mammalogy. Pp 241-261. *In* Foster, J. W. and Chesney, H. C. G. (eds) *Nature in Ireland. A scientific and cultural history.* The Lilliput Press, Dublin.
Sleeman, D. P. and Smiddy, P. (2004) Flea (Siphonaptera) records from Irish mammals and birds. *Irish Naturalists' Journal* **27**: 405-407.
Stuart, P. and Sleeman, D. P. (2006) Fleas from bank voles (*Clethrionomys glareolus* Schreber) near Foynes, Co Limerick. *Irish Naturalists' Journal* **28**: 221.
Whitaker, A. P. (2007) Fleas (Siphonaptera). *Handbooks for the Identification of British Insects* **1**(16) (Second edition).

Section 22. Strepsiptera

Anderson, R. (2007) Insect and invertebrate review 2005-2006. *Irish Naturalists' Journal* **28** (2006): 335-337.
Anderson, R. (2008) Insect and invertebrate review 2006-2007. *Irish Naturalists' Journal* **29**: 66-69.
Anderson, R. (2008) Terrestrial invertebrates. *Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre* **Issue 1**: 9-11.
O'Connor, J. P. and Ronayne, C. (2007) *Stylops melittae* Kirby (Strepsipt., Stylopidae) new to Ireland. *Entomologist's Monthly Magazine* **143**: 199.
Regan, E. and McCormack, S. (2009) Class Insecta. Pp 97-111. *In* Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.
Ronayne, C. and O'Connor, J. P. (2006) *Halictoxenos tumulorum* Perkins and *H. spencei* Nassonov (Strepsipt., Stylopidae) new to Ireland. *Entomologist's Monthly Magazine* **142**: 92.

Section 23. Thysanoptera

Nash, R. and O'Connor, J. P. (2011) Notes on the Irish entomologist Alexander Henry Haliday (1806-1870). *Bulletin of the Irish Biogeographical Society*

35: 64-112.

O'Connor, J. P. (2008) A review of the Irish thrips (Thysanoptera). *Irish Naturalists' Journal* **29**: 20-24 (Corrigendum published by editor (2009) in *Irish Naturalists' Journal* **29** (2009): 150).

Regan, E. and McCormack, S. (2009) Class Insecta. Pp 97-111. *In* Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.

Stokes, K., O'Neill, K. and McDonald, R. A. (2004) *Invasive species in Ireland.* Unpublished report to Environment and Heritage Services and National Parks and Wildlife Service. Quercus, Queen's University Belfast, Belfast.

Section 24. Thysanura

Bolger, T. (1997) George Herbert Carpenter. Pp 1-3. *In* Bolger, T. (ed.) *Proceedings of IX International Colloquium on Apterygota, Dublin 1996. Pedobiologia* **41**: 1-224.

Chesney, H. C. G. and Nash, R. (1997) Robert Templeton 1802-92. Pp 349-354. *In* Foster, J. W. and Chesney, H. C. G. (eds) *Nature in Ireland. A scientific and cultural history.* The Lilliput Press, Dublin.

Regan, E. and McCormack, S. (2009) Class Insecta. Pp 97-111. *In* Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.

Section 25. Trichoptera

Anon. (2007) Royal Irish Academy. Praeger Fund for Field Natural History. *Irish Naturalists' Journal* **28** (2006): 335.

Chinery, M. (2005) *Complete British insects*. HarperCollins, London.

Dineen, G., Harrison, S. S. C. and Giller, P. S. (2007) Seasonal analysis of aquatic and terrestrial invertebrate supply to streams with grassland and deciduous riparian vegetation. *Biology and Environment: Proceedings of the Royal Irish Academy* **107B**: 167-182 (No species mentioned).

Flavin, D. A., Biggane, S. S., Shiel, C. B., Smiddy, P. and Fairley, J. S. (2001) Analysis of the diet of Daubenton's bat *Myotis daubentonii* in Ireland. *Acta Theriologica* **46**: 43-52.

Hannigan, E., Kelly-Quinn, M. and O'Connor, J. P. (2009) Notable caddisflies (Trichoptera) from Scragh Bog, Co. Westmeath, including *Erotesis*

baltica McLachlan new to Ireland. *Bulletin of the Irish Biogeographical Society* **33**: 76-80.

Hannigan, E., Mangan, R. and Kelly-Quinn, M. (2011) Evaluation of the success of mountain blanket bog pool restoration in terms of aquatic macroinvertebrates. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 95-105.

Johnson, M. J., Giller, P. S., O'Halloran, J., O'Gorman, K. and Gallagher, M. B. (2005) A novel approach to assess the impact of landuse activity on chemical and biological parameters in river catchments. *Freshwater Biology* **50**: 1273-1289.

Kelly-Quinn, M., Bradley, C., Murray, D., Tierney, D., Ashe, P., Bracken, J. and McGarrigle, M. (2002) Physico-chemical characteristics and macroinvertebrate communities of the Caher River. *Biology and Environment: Proceedings of the Royal Irish Academy* **103B**: 119-124.

Knight, L. R. F. D. and Penk, M. R. (2010) Groundwater Crustacea of Ireland: a survey of the stygobitic Malacostraca in caves and springs. *Biology and Environment: Proceedings of the Royal Irish Academy* **110B**: 211-235.

McKie, B. G., Woodward, G., Hladyz, S., Nistorescu, M., Preda, E., Popescu, C., Giller, P. S. and Malmqvist, B. (2008) Ecosystem functioning in stream assemblages from different regions: contrasting responses to variation in detritivore richness, evenness and density. *Journal of Animal Ecology* **77**: 495-504.

Múrria, C., Zamora-Muñoz, C., Bonada, N., Ribera, C. and Prat, N. (2010) Genetic and morphological approaches to the problematic presence of three *Hydropsyche* species of the *pellucidula* group (Trichoptera: Hydropsychidae) in the westernmost Mediterranean basin. *Aquatic Insects* **32**: 85-98 (*H. pellucidula*).

O'Connor, J. P. (1987) A review of the Irish Trichoptera. Pp 73-77. *In* Bournaud, M. and Tachet, H. (eds) *Proceedings of the 5th International Symposium on Trichoptera.* Dr W. Junk Publishers, Dordrecht.

O'Connor, J. P. (2010) Additions and corrections to the Irish list of Trichoptera. *Irish Naturalists' Journal* **30** (2009): 127-129.

O'Connor, J. P. and Bond, K. G. M. (2009) *Hydroptila sparsa* Curtis (Trichoptera: Hydroptilidae) new to Co. Tyrone. *Irish Naturalists' Journal* **29** (2008): 131.

O'Connor, J. P. and Wise, E. J. (2004) Observations on the Trichoptera of the Rivers Flesk and Laune, Killarney, Co. Kerry, Ireland. *Bulletin of the Irish Biogeographical Society* **28**: 133-142.

Regan, E. and McCormack, S. (2009) Class Insecta. Pp 97-111. *In* Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) Irish biodiversity: a taxonomic

inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.

Reynolds, J. D. (2001) Invertebrate communities of turloughs (temporary lakes) in south-east Galway, Ireland. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **27** (2000): 1679-1684.

Reynolds, J. D. and O'Keeffe, C. (2005) Dietary patterns in stream- and lake-dwelling populations of *Austropotamobius pallipes*. *Bulletin Français de la Pêche et de la Pisciculture* **376-377**: 715-730.

Riipinen, M. P., Fleituch, T., Hladyz, S., Woodward, G., Giller, P. and Dobson, M. (2010) Invertebrate community structure and ecosystem functioning in European conifer plantation streams. *Freshwater Biology* **55**: 346-359.

Ryder, L., de Eyto, E., Gormally, M., Sheehy Skeffington, M., Dillane, M. and Poole, R. (2011) Riparian zone creation in established coniferous forests in Irish upland peat catchments: physical, chemical and biological implications. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 41-60.

Sleeman, D. P. (2002) Insects and other invertebrates found in the guts of sea trout (*Salmo trutta* L.). *Irish Naturalists' Journal* **26** (2001): 381-382.

Sweeney, P. (2006) New records of three rare Irish caddis larvae (Trichoptera). *Irish Naturalists' Journal* **28**: 300-301.

Thompson, E., Cotton, D. C. F. and Ryan, S. (2002) Lough Gill Environmental Management Project. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **27** (2001): 3650-3653.

Wallace, I. (2009) Winderemere's special caddisfly *Setodes argentipunctellus* – the silver-spotted longhorn. *FBA News* **47**: 2-3 (mention of Irish records).

Wallace, I. D., Wallace, B. and Philipson, G. N. (2003) Keys to the case-bearing caddis larvae of Britain and Ireland. *Freshwater Biological Association Scientific Publication* **No. 61**.

Section 26. Pests

Baars, J.-R. (2011) Classical biological control for the management of alien invasive species in Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 1-10 (Coleoptera, Collembola, Diptera, Hemiptera, Hymenoptera, Lepidoptera).

Baars, J.-R., Coetzee, J. A., Martin, G., Hill, M. P. and Caffrey, J. M. (2010) Natural enemies from South Africa for biological control of *Lagarosiphon major* (Ridl.) Moss ex Wager (Hydrocharitaceae) in Europe.

Hydrobiologia **656**: 149-158.

Cuthbertson, A. G. S. and Murchie, A. K. (2005) Techniques for environmental monitoring of predatory fauna on branches of Bramley apple trees in Northern Ireland. *International Journal of Environmental Science and Technology* **2**: 1-6 (Coleoptera, Dermaptera, Hemiptera).

Day, K. R. (2002) The green spruce aphid – a pest of spruce in Ireland. *COFORD Connects – Silviculture and Forest Management* **No. 4**. COFORD, Dublin.

Everard, A., Griffin, C. T. and Dillon, A. B. (2009) Competition and intraguild predation between the braconid parasitoid *Bracon hylobii* and the entomopathogenic nematode *Heterorhabditis downesi*, natural enemies of the large pine weevil, *Hylobius abietis*. *Bulletin of Entomological Research* **99**: 151-161 (Coleoptera, Hymenoptera).

Gwiazdowski, R. A., Van Driesche, R. G., Desnoyers, A., Lyon, S., Wu, S.-a., Kamata, N. and Normark, B. B. (2006) Possible geographic origin of beech scale, *Cryptococcus fagisuga* (Hemiptera: Eriococcidae), an invasive pest in North America. *Biological Control* **39**: 9-18.

Halldórsson, G., Docherty, M., Oddsdóttir, E. S. and Day, K. R. (2001) The performance of different populations of the green spruce aphid (*Elatobium abietinum* Walker) at different temperatures. *Icelandic Agricultural Sciences* **14**: 75-84.

Halldórsson, G., Sigurdsson, V., Thórsson, Æ. T., Oddsdóttir, E. S., Sigurgeirsson, A. and Anamthawat-Jónsson, K. (2004) Genetic diversity of the green spruce aphid (*Elatobium abietinum* Walker) in north-west Europe. *Agricultural and Forest Entomology* **6**: 31-37.

Haukeland, S. and Lola-Luz, T. (2010) Efficacy of the entomopathogenic nematodes *Steinernema kraussei* and *Heterorhabditis megidis* against the black vine weevil *Otiorhynchus sulcatus* in open field-grown strawberry plants. *Agricultural and Forest Entomology* **12**: 363-369.

Jennings, A., Duggan, E., Perry, I. J. and Hourihane, J. O. (2010) Epidemiology of allergic reactions to Hymenoptera stings in Irish school children. *Pediatric Allergy and Immunology* **21**: 1166-1170.

Kennedy, T. F. and Connery, J. (2001) Barley yellow dwarf virus in winter barley in Ireland: yield loss and timing of autumn aphicides in controlling the MAV-strain. *Irish Journal of Agricultural and Food Research* **40**: 55-70.

Lola-Luz, T., Downes, M. and Dunne, R. (2005) Control of black vine weevil larvae *Otiorhynchus sulcatus* (Fabricius) (Coleoptera: Curculionidae) in grow bags outdoors with nematodes. *Agricultural and Forest Entomology* **7**: 121-126.

Murchie, A. K. (2009) Meeting report. The 2008 Northern Irish Regional. *Antenna* **33**: 96-97 (Diptera: blue tongue virus).

O'Connor, J. P. (2005) *Glischrochilus hortensis* (Geoffroy) (Nitidulidae) attacking raspberries and tomatoes in Ireland. *The Coleopterist* **14**: 6.

O'Connor, J. P. and Ashe, P. (2007) Contributions towards a checklist of insects feeding on Irish trees. Part 1: Hymenoptera, Lepidoptera and Orthoptera. *Bulletin of the Irish Biogeographical Society* **31**: 197-267.

Paine, T. D., Steinbauer, M. J. and Lawson, S. A. (2011) Native and exotic pests of *Eucalyptus*: a worldwide perspective. *Annual Review of Entomology* **56**: 181-201 (Coleoptera, Hemiptera).

Parker, W. E. and Howard, J. J. (2001) The biology and management of wireworms (*Agriotes* spp.) on potato with particular reference to the U.K. *Agricultural and Forest Entomology* **3**: 85-98.

Phillips, C. B., Iline, I. I., Vink, C. J., Winder, L. M. and McNeill, M. R. (2006) Methods to distinguish between the *Microctonus aethiopoides* strains that parasitise *Sitona lepidus* and *Sitona discoideus*. *New Zealand Plant Protection* **59**: 297-303 (Coleoptera, Hymenoptera).

Appendix 1. Main journals abstracted in the Supplement.

Partial runs of other journals were also examined.

Acta Zoologica Academiae Scientiarum Hungaricae
Antenna
Apidologie
Aquatic Insects
Arthropod Systematics and Phylogeny (was *Entomologische Abhandlungen*)
Atropos
Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre
Biological Journal of the Linnean Society
Biology and Environment: Proceedings of the Royal Irish Academy
Bonn zoological Bulletin (*Bonner zoologische Beiträge*)
British Journal of Entomology and Natural History
British Simuliid Group Bulletin
Bulletin of the Amateur Entomologists' Society
Bulletin of the Dipterists Forum
Bulletin of Entomological Research
Bulletin of the Irish Biogeographical Society
Bulletin of the Natural History Museum. Entomology Series
BWARS Newsletter
Cecidology
Chironomus. Newsletter on Chironomidae Research
Contributions to Zoology
Deutsche Entomologische Zeitschrift
Dipterists Digest
Ecological Entomology
Entomofauna
Entomologische Berichten
Entomologist's Gazette
Entomologist's Monthly Magazine
Entomologist's Record and Journal of Variation
European Mosquito Bulletin
Fauna Entomologica Scandinavica
FBA News
FBA Occasional Publications
FBA Scientific Publications
FBA Special Publications
Freshwater Biology
Freshwater Forum
Freshwater Reviews

Handbooks for the Identification of British Insects
Hetnews. Newsletter of the Heteroptera Recording Schemes
Hoverfly Newletter
Insect Systematics and Evolution
Insecta Mundi
Irish Biogeographical Society Macro Series
Irish Biogeographical Society Occasional Publications
Irish Naturalists' Journal
Irish Wildlife Manuals
Italian Journal of Zoology
Journal of Natural History
Journal of the British Dragonfly Society
Journal of Zoology
Latissimus
Latvijas Entomologs
Medical and Veterinary Entomology
Revue Suisse de zoologie
Smithsonian Contributions to Zoology
Systematic Entomology
Systematics and Biodiversity
The Coleopterist
Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie
Zoologica Baetica
Zoologische Mededelingen
Zoologische Verhandelingen
Zootaxa
Zoological Journal of the Linnean Society

Appendix 2. Bibliography of works by Alexander Henry Haliday (Reproduced from Nash, R. and O'Connor, J. P. (2011) Notes on the Irish entomologist Alexander Henry Haliday (1806–1870). *Bulletin of the Irish Biogeographical Society* **35**: 64-112).

1824-1840 Contributions to Curtis, J. *British Entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland: containing coloured figures from nature of the most rare and beautiful species, and in many instances of the plants upon which they are found.* London. 16 volumes (sometimes bound as eight volumes). 193 Folios, 770 coloured plates [Dissection drawings, text for much of the folios relating to Hymenoptera and Diptera].

1828 Notices of insects taken in the North of Ireland. *Zoological Journal* **3**: 500-501.

1832 The characters of two new dipterous genera with indications of some generic subdivisions and several undescribed species of Dolichopidae. *Zoological Journal* **5**: 350-368. 1 plate.

1833 Catalogue of Diptera occurring about Holywood in Downshire. *Entomological Magazine* **1**: 147-180.

1833 An essay on the classification of the parasitic Hymenoptera of Britain, which correspond with the Ichneumones minuti of Linnaeus. *Entomological Magazine* **1**: 259-276.

1833 Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **1**: 333-350.

1833 Defence of Mr. Westwood's conduct. *Entomological Magazine* **1**: 424.

1833 Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **1**: 480-491.

1833 Generic names should be of Greek derivation. *Entomological Magazine* **1**: 515-516.

1833 Burrowing Hymenoptera. *Entomological Magazine* **1**: 516.

1833 Public Entomological Collection. *Entomological Magazine* **1**: 518-519.

1833-1842 with Walker, F. *Monographia Chalciditum*. London [Much of this work was collaborative with Haliday who was the sole author of the sectional diagnoses. In the M. W. R de V. Graham collection of Francis Walker papers, there is an annotated (by Walker) copy of this work. Formerly this was the property of Haliday and he had gummed into it proof copies of his figures of Chalcidoidea (*Entomologist* Volume 1), plates A-P. Reproduced and dated in O'Connor, Nash and Boucek (2000)) [The work was earlier known as Monographia Chalcidum.] **(See also**

entry for 1840-1842).

1834 Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **2**: 93-106.

1834 *Aleyrodes Phillyreae*. *Entomological Magazine* **2**: 119-120.

1834 Notes on the Bethyli and on *Dryinus pedestris*. *Entomological Magazine* **2**: 219-221.

1834 Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **2**: 225-259.

1835 Essay on parasitic Hymenoptera. *Entomological Magazine* **2**: 458-467.

1835 Curious economy of *Gyrinus villosus*. *Entomological Magazine* **2**: 530-531.

1835 *Psychoda nervosa*. *Entomological Magazine* **2**: 531.

1835 Essay on parasitic Hymenoptera. *Entomological Magazine* **3**: 20-45.

1835 Essay on parasitic Hymenoptera. *Entomological Magazine* **3**: 121-147.

1836 British species of the dipterous tribe Sphaeroceridae. *Entomological Magazine* **3**: 315-336.

1836 An epitome of the British genera, in the order Thysanoptera, with indications of a few of the species. *Entomological Magazine* **3**: 439-451.

1837 Essay on parasitic Hymenoptera. *Entomological Magazine* **4** (1836): 38-59.

1837 Parasitic Hymenoptera. *Entomological Magazine* **4** (1836): 92-106.

1837 Additional notes on the Order Thysanoptera. *Entomological Magazine* **4** (1836): 144-146.

1837 Notes, &c upon Diptera. *Entomological Magazine* **4** (1836): 147-152.

1837 Notes about *Cillenum laterale* and a submarine species of Aleocharidae. *Entomological Magazine* **4**: 251-253.

1837 with J. Curtis and F. Walker. Descriptions etc. of the insects collected by Captain P. P. King, R.N., F.R.S., in the survey of the straits of Magellan. *Transactions of the Linnean Society of London* **17**: 315-359 [Haliday is responsible for "Descriptions, etc. of the Hymenoptera" Pp 316-331.]

1837 Essay on parasitic Hymenoptera. *Entomological Magazine* **4**: 203-221.

1837 with J. Curtis, J. Dale, and F. Walker. Second edition of *A guide to an arrangement of British insects being a catalogue of all the named species hitherto discovered in Great Britain and Ireland*. London [Six pages of introductory matter are followed by 282 columns of insect names in two columns per page systematically arranged and followed by an index to genera. This work attributed to John Curtis was in fact co-authored with John Dale, Francis Walker and Alexander Henry Haliday; Haliday and Walker writing almost the whole of the sections on Diptera and parasitic Hymenoptera. The list contains 1,500 generic and 15,000 specific names.

Ireland and Britain are not separated].

1838 Essay on the classification of parasitic Hymenoptera. *Entomological Magazine* **5**: 209-248, plate.

1838 Note on *Dryinus*, &c. *Entomological Magazine* **5**: 518.

1838 Note on the genus *Epyris*. *Entomological Magazine* **5**: 519.

1838 Addenda to the genus *Alysia*. *Entomological Magazine* **5**: 519.

1838 Description of the larva [of *Blaps mortisaga*]. *Transactions of the Entomological Society of London* **2**: 100-102, figure.

1838 New British Insects indicated in Mr. Curtis's Guide. *Annals of Natural History* Series 1, **2**: 112-121.

1838 New British Insects indicated in Mr. Curtis's Guide. *Annals of Natural History* Series 1, **2**: 183-190.

1839 *Hymenoptera Britannica: Oxyura.* Fascicule **1.** Hippolytus Balliére, London.

1839 *Hymenopterorum synopsis ad methodum clm. Fallenii utplurimum accommodata. Addendum to Hymenoptera Britannica: Alysia.* Hippolytus Balliére, London. 4pp.

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Bradley, C. M. **2:** 5.
Bradley, J. D. **B:** 197; 198; 273; **1:** 6; 126.
Brady, J. J. **B:** 111.
Brakefield, P. M. **1:** 122.
Brandmayr, P. **2:** 29.
Brandmayr, T. Z. **2:** 29.
Branson, A. **2:** 126.
Bratt, A. D. **B:** 97.
Bratton, J. H. **2:** 20; 25.
Breathnach, S. **1:** 23.
Breen, J. **B:** 17; 139; 140; **1:** 103; **2:** 5; 12; 33; 62; 84; 86; 96; 100.
Breen, J. A. G. **B:** 97.
Brenan, S. A. **B:** 123; 140; 198; **1:** 4; 103; 126.
Brendell, M. J. D. **B:** 52.
Brennan, A. **2:** 41; 42.
Brennan, M. **1:** 13; 42; 76; 88; 90; 159; 161; 173.
Bretherton, R. F. **B:** 198; 199; **1:** 122; 123; 126; 127; 128; 129.
Brinck, P. **B:** 52.
Brinck-Lindroth, G. **B:** 334; **2:** 135.
Brindle, A. **B:** 97.
Brinkhurst, R. O. **B:** 123.
Brinklow, R. K. **B:** 140.
Bristow, E. **B:** 199.
Bristow, J. **B:** 199; 348.
Britten, H. **B:** 52; 124.
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Brodin, Y. **2:** 47.
Brook, S. **2:** 111.
Brooke, S. **2:** 72.
Brooke, W. M. A. **B:** 17; 199.
Brooks, J. B. **B:** 199.
Brooks, S. J. **1:** 153; **2:** 67.
Brown, A. **2:** 34; 58.
Brown, B. V. **1:** 57.
Brown, D. **1:** 128.
Brown, D. C. G. **2:** 108.

Brown, E. **1:** 157.
Brown, E. S. **B:** 124; 327.
Brown, E. W. **B:** 199; 200.
Brown, H. Rowland **B:** 200.
Brown, J. J. **B:** 17.
Brown, J. M. **B:** 52.
Brown, M. **2:** 82.
Brown, M. J. F. **2:** 65; 84; 86; 87; 90; 91; 99.
Brown, N. E. **2:** 47.
Brown, P. M. J. **2:** 38.
Brown, S. C. S. **B:** 200.
Brown, V. K. **1:** 157.
Brown, V. M. **B:** 331.
Browne, D. E. **2:** 39.
Bruce, B. **B:** 200.
Bruford, M. W. **2:** 70.
Brunker, J. P. **B:** 17; 38; 52; 140; 200; 297; **1:** 16; 103.
Brunnetti, E. **B:** 97.
Brunton, L. **B:** 52.
Brunton, T. **B:** 200; 201.
Bryan, G. **B:** 140.
Bryan, M. **2:** 18; 19; 20; 108.
Bryant, T. **2:** 108; 109.
Buchanan, K. **B:** 318.
Buck, F. D. **B:** 53.
Buck, M. **2:** 47.
Buckell, F. J. **B:** 201.
Bückle, C. **2:** 74.
Buckle, C. W. **B:** 53; 124; 140.
Buckler, W. **B:** 201.
Buckstone, A. A. W. **B:** 201.
Buhl, P. N. **2:** 82; 83; 98.
Bullock, D. J. **B:** 201.
Bullock, E. **B:** 53; 124.
Bullock, J. A. **1:** 23; 24; 176.
Bullock, J. M. **1:** 24; 176.
Bulman, C. R. **2:** 121.
Burbridge, F. W. **B:** 124; 140.
Burchell, -. **B:** 208.
Burckhardt, D. **1:** 91.
Burden, G. **2:** 67.
Burden, J. W. **B:** 201.
Burkmar, R. **2:** 109.
Burns, G. **B:** 202.
Burr, M. **B:** 327.
Burrows, C. R. N. **B:** 201; 202.
Burton, J. F. **B:** 202; 327; **1:** 128; **2:** 5.
Butler, E. A. **B:** 18; 124.
Butler, F. **2:** 11; 35; 60; 128.
Butler, F. T. **1:** 17; 29; 112; 164; **2:** 26; 132.
Butler, P. M. **B:** 360.
Bygebjerg, R. **2:** 60.
Byrne, A. **2:** 83; 86.
Byrne, B. **B:** 327.
Byrne, C. **1:** 4.
Byrne, C. F. **1:** 89.
Byrne, R. A. **1:** 4; 57; 128; 169.
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Caffrey, J. M. **1:** 35; **2:** 19; 139.
Cahalane, G. **2:** 19.
Callanan, M. **2:** 4; 5; 47.
Çalmaşur, Ö. **2:** 97; 118.
Calvin, M. D. P. I. **1:** 114.
Cambell, R. N. **1:** 88.
Cameron, A. **1:** 21; 22; 24; 34.
Cameron, M. **B:** 53.
Cameron, P. **B:** 140.
Campbell, D. C. **B:** 202.
Campbell, J. L. **B:** 203.
Campbell, W. H. **B:** 202; 203.
Canbulat, S. **2:** 29.
Canning, S. **B:** 203.
Canterino, S. **2:** 47.
Car, M. **2:** 47.
Cardew, P. A. **B:** 203.
Carlisle, R. W. **B:** 18; 334; 337.
Caroni, R. **2:** 9; 14.
Carpenter, G. D. Hale **B:** 204.
Carpenter, G. H. **B:** 18; 20; 21; 29; 35; 41; 42; 54; 59; 91; 92; 94; 97; 98; 108; 124; 125; 141; 203; 204; 318; 327; 348; 349; 350; 351; 352; **1:** 4; 24; 57; 128.
Carr, R. **1:** 22.
Carrington, J. T. **B:** 204.
Carrington, T. J. **B:** 204.

Carroll, E. **2:** 5; 83; 109.
Carroll, J. **B:** 352; 353.
Carroll, P. **2:** 7; 27; 53; 69; 74; 127.
Carrothrs, E. N. **B:** 17.
Carter, A. E. J. **B:** 98.
Carter, C. E. **B:** 98; 99; **1:** 10; 57; 70; 86; 89; 95; 171; **2:** 57.
Carter, C. I. **1:** 92.
Carter, D. J. **B:** 18; 54; **1:** 128.
Carter, P. **2:** 27.
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Castle Russell, S. G. **B:** 204.
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Caswell, W. **1:** 128.
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Cawley, M. J. **1:** 114.
Cebeci, H. **2:** 40.
Černý, M. **2:** 47.
Çevik, I. E. **2:** 19.
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Chalmers-Hunt, J. M. **B:** 199; 205; **1:** 4; 24; 126; 127; 128; 129.
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Chamberlain, R. **B:** 353.
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Chandler, P. J. **B:** 18; 99; 100; 101; 112; 117; 119; **1:** 54; 57; 58; 59; 60; 61; 74; 82; **2:** 44; 45; 46; 47; 48; 49; 51; 52; 54; 57; 58; 60.
Chapman, P. B. **2:** 110.
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Chaster, G. W. **B:** 56.
Chatelain, R. G. **B:** 291; **1:** 129.
Chauzat, M.-P. **2:** 72; 78; 84.
Chelmick, D. **2:** 126.
Chelmick, D. G. **2:** 126.
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Chesney, H. C. G. **2:** 137.
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Chinery, M. **2:** 5; 21; 43; 50; 69; 72; 84; 109; 124; 125; 126; 131; 132; 137.
Chitty, A. J. **B:** 141.
Chvala, M. **B:** 100; 116; **1:** 60; **2:** 49.
Çikman, E. **2:** 103.
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Claassens, A. J. M. **B:** 18; 56; 334; 336.
Clabby, K. J. **B:** 18.
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Clancy, S. P. **2:** 109; 110.
Clare, N. **B:** 85.
Claridge, M. F. **B:** 18; 141; 148.
Clark, F. L. **B:** 22; 62; 335.
Clarke, J. **1:** 139; **2:** 106; 112.
Clarke, J. H. **2:** 109; 110.
Clarke, K. **1:** 129.
Clarke, R. O. S. **B:** 56.
Classey, E. W. **B:** 205; **1:** 4.
Claussen, C. **1:** 82.
Clawson, S. **2:** 18; 19; 21.
Clay, T. **B:** 41.
Clee, C. **1:** 67.
Clements, D. K. **1:** 60.
Clemons, L. **2:** 50.
Clenaghan, C. **1:** 88; 159; **2:** 8; 54; 69; 133.
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Cockayne, E. A. **B:** 205; 206; 207; 208.
Cockbill, G. F. **B:** 309.
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Cogan, B. H. **B:** 36; 101; **1:** 60.
Cogan, R. **2:** 35.
Cole, A. J. **B:** 85.
Cole, J. H. **B:** 101; **2:** 61.
Coll, M. T. **1:** 24; **2:** 21.
Collenette, C. L. **1:** 129.
Collier, R. V. **1:** 129.
Collin, J. E. **B:** 35; 101; 102; **1:** 60.

Collingwood, C. A. **B:** 56; 137; 139; 141; 142.
Collins, G. A. **1:** 129; 130; 146; **2:** 84; 111; 121.
Colyer, C. N. **B:** 102.
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Connolly, J. **2:** 12.
Convery, N. **2:** 67.
Conway, T. **1:** 6; 26; 67; 93; 138; 167; 177.
Cook, R. R. **1:** 129; 139; **2:** 110.
Cooke, B. **B:** 341.
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Cooke, N. **B:** 208.
Cooney, T. **2:** 5; 83; 109.
Cooper, B. A. **1:** 129; 130.
Cooper, F. **1:** 130.
Coote, L. **2:** 11; 35; 60; 128.
Cooter, J. **1:** 24.
Copeland, R. B. **1:** 5; 104; 130; 176.
Copeman, J. L. **B:** 208.
Corbet, S. A. **1:** 114.
Cordeux, J. **B:** 208.
Corke, D. **1:** 130; **2:** 111.
Corley, M. F. V. **1:** 134; **2:** 107.
Cornwell, P. B. **B:** 327.
Corson, T. H. **B:** 351.
Coruh, S. **2:** 84.
Corver, S. C. **2:** 111.
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Costello, M. J. **1:** 8; 9; 69; 89; 159; 160; 161; 171.
Cotton, D. **2:** 86.
Cotton, D. C. F. **B:** 20; 102; 328; **1:** 24; 49; 104; 130; 153; 155; 157; **2:** 14; 21; 79; 139.
Cotton, R. F. **1:** 104.
Coulter, G. **B:** 208.
Courtney, R. **2:** 5.
Cowan, C. F. **1:** 5.
Cox, M. L. **1:** 24; 35; **2:** 21.
Coxon, C. E. **2:** 14; 39; 62; 121; 130.
Coxon, P. **2:** 22.
Coyle, S. **1:** 88; 159.
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Cranston, P. S. **B:** 102; 114; **1:** 53; 60; **2:** 50.
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Crawley, M. J. **1:** 114; 115.
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Crossley, R. **2:** 51.
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Cullen, C. **2:** 39.
Cullen, P. **1:** 9; 70; 160.
Cullinane, D. **1:** 157.
Cummins, S. **2:** 5; 22; 84; 111.
Cunningham, B. **2:** 13.
Cunningham, C. **B:** 20.
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Curran, F. C. T. **2:** 50.
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Curry, J. P. **B:** 16; 19; 20; 34; **1:** 4; 5; 8; 12; 13; 25; 32; 33; 41; 47; 48; 49; 61; 92; 104; 177.
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Curtis, T. **2:** 5; 22; 50; 72.
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Davies, M. **1:** 127.
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Hunter, C. **1:** 13; 42; 77; 90; 161; 173.
Hunter, J. M. **2:** 100.
Hunter, S. A. **B:** 27.
Huo, S. **2:** 53.
Hürka, K. **1:** 67.
Hurst, G. W. **B:** 227.
Hutchins, D. **2:** 28.
Hutchinson, E. S. **B:** 255.
Hutchinson, G. E. **B:** 255; **1:** 94.
Hutchison, M. **B:** 355.
Hutson, A. M. **B:** 108; **1:** 67.
Hutton, S. A. **2:** 28; 39.
Hyatt, K. H. **1:** 32.
Hynes, H. B. N. **B:** 331.

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Ienistea, M. A. **B:** 69.
Iline, I. I. **2:** 36; 97; 141.
Illies, J. **B:** 69; 331.
Ilmonen, J. **2:** 54.
Imms, A. D. **B:** 108.
Inanc, F. **2:** 81.
Incekara, U. **2:** 28; 31; 40.
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Inskipp, T. P. **2:** 6.
Iremonger, S. **2:** 63.
Irvine, K. **2:** 8; 9; 11; 15; 69; 76; 133.
Irwin, A. **B:** 255.
Irwin, A. G. **B:** 27; 69; 108; 112; 117; **1:** 67; 82; 162.
Irwin, S. **2:** 11; 35; 60; 128.
Iserbyt, I. **2:** 98.
Ismay, J. W. **1:** 67; 68; 54; 60.
Ivitis, E. **2:** 42.
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Jackson, G. **B:** 255.
Jackson, R. A. **B:** 255.
Jackson, R. B. **B:** 108.
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James, R. **1:** 69.
Jameson, H. L. **B:** 27; 69; 256.
Jameson, W. E. **B:** 69.
Jansen, M. **2:** 76.
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Janson, O. E. **B:** 27; 70; 256.
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Japoshvili, G. O. **2:** 88.
Jarman, A. **2:** 89.
Jarrold, L. **2:** 67.
Jarvis, C. Mac Kechnie **B:** 70.
Jarvis, F. V. L. **B:** 27.
Jaskuła, R. **2:** 28.
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Jeffcoate, S. **2:** 106; 112; 113.
Jenkins, A. **1:** 130; 138.
Jenkins, M. **1:** 138.
Jenkins, R. A. **B:** 342.
Jenkinson, F. **B:** 108.
Jennings, A. **2:** 88; 140.
Jensen, P. B. **1:** 108.
Jervis, M. A. **1:** 68.
Jess, S. **2:** 8.
Jessop, L. **1:** 32.
Jezek, J. **2:** 54.
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Johnson, C. **B:** 70; **1:** 32; **2:** 28.
Johnson, C. F. **B:** 256.
Johnson, J. **2:** 4; 29.
Johnson, J. C. **B:** 356.
Johnson, J. H. **B:** 256.
Johnson, M. **2:** 8; 54; 69; 133.
Johnson, M. J. **2:** 8; 69; 133; 138.
Johnson, N. F. **2:** 88.
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Johnston, P. **2:** 8.
Johnston, J. H. **B:** 320; **1:** 138.
Jonaitis, V. **2:** 88.
Jones, A. M. **1:** 32; 138; 139; **2:** 115.
Jones, G. **2:** 109.
Jones, H. B. **B:** 261.
Jones, P. **1:** 78.
Jones, R. A. **1:** 8; 32.
Jordana, R. **2:** 42; 81.
Jordon, R. C. R. **1:** 139.
Joy, N. H. **B:** 74; 75; 89.
Judd, S. **1:** 94.
Jurado, G. B. **2:** 29.
Jussila, R. **1:** 109; **2:** 88; 89.

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Kane, W. F. de V. **B:** 29; 59; 108; 153; 261; 262; 263; 264; 265; **1:** 8.
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Kaufmann, R. R. U. **B:** 75; **1:** 32.
Kauri, H. **B:** 109.
Kavanagh, B. **1:** 96; **2:** 77.
Kaye, W. J. **B:** 265.
Kazanci, N. **2:** 54.
Keady, S. **2:** 11; 35; 60; 128.
Keane, M. **1:** 8; 16; 45; 85; 94; 100; 109; 118; 148; 177; 180.
Keane, T. W. L. **B:** 266.
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Kearns, C. **2:** 8.
Keating, A. **2:** 42.
Kehlmaier, C. **2:** 54.
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Keil, P. **2:** 54.
Kell, G. V. **1:** 5; 177.
Kelly, D. L. **2:** 11; 35; 60; 63; 128.
Kelly, D. W. **2:** 8; 69.
Kelly, K. S. **1:** 8.
Kelly, M. **1:** 5.
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Kelly, T. **2:** 33; 52; 63.
Kelly, T. C. **B:** 29; **1:** 9; 89; 95; 165; 166; **2:** 9; 11; 31; 35; 56; 60; 128; 135.
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Kemp, S. W. **B:** 29; 75; 320.
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Kennedy, P. G. **B:** 27.
Kennedy, T. **1:** 93; 106; **2:** 12.
Kennedy, T. F. **1:** 8; 33; 37; 48; 68; 94; 109; 139; 151; 177; 178; **2:** 41; 76; 140.
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Kim, K. C. **1:** 72.
Kimmins, D. E. **B:** 30; 121; 317; 331; 332; 342; **1:** 89; 152.
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King, J. J. **1:** 8; 12.
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Knight, L. R. F. D. **2:** 9; 29; 42; 55; 70; 133; 138.
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Knutson, L. V. **B:** 97; 109; 119; **2:** 68.
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Koivula, M. **2:** 29; 40.
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Kolarov, J. **2:** 84; 89.
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Konigsmann, E. **1:** 109.
Kopke, K. **2:** 11; 35; 60; 128.
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Leech, M. J. **B:** 30.
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Lempke, B. J. **B:** 269; **1:** 141.
Lencina, J. **2:** 40.
Leonhardt, K. G. **1:** 69.
Lesage, L. **2:** 31.
Leston, D. **B:** 130.
Lett, H. W. **B:** 269; **2:** 55.
Levey, B. **2:** 29.
Levinge, N. V. **B:** 269.
Levy, D. A. **2:** 66.
Lewcock, G. A. **B:** 76.
Lewington, R. **2:** 122; 126.
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Linnie, M. **1:** 30.
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Luff, M. L. **B:** 76; **1:** 21; 32; 43; 109; **2:** 30.
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Lux, K. **2:** 116.
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Marcos-García, M. A. **2:** 56.
Marković, Z. **2:** 70.
Marks, R. J. **B:** 110.
Markus, J. **2:** 40.
Marnell, F. **1:** 13; 15; 35; 42; 43; 77; 83; 90; 98; 99; 117; 145; 147; 151; 156; 158; 161; 173; **2:** 31.
Marsden, H. **B:** 271.
Marshall, G. A. K. **B:** 77.
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Marshall, J. E. **B:** 342; 343.
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Mart, A. **2:** 28; 31.
Martin, G. **2:** 139.
Martin, J. H. **1:** 94; 95; 178; **2:** 76.
Martin, J. S. **B:** 31.
Martin, R. **2:** 9; 31; 56.
Martin, R. D. **2:** 11; 35; 60; 128.
Martin, S. J. **B:** 358; **1:** 70; 178.
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McAdam, J. H. **1:** 35.
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McAree, D. **B:** 353; **1:** 30.
McAree, D. T. **1:** 9; 34; 109; 141; 178.
McArthur, H. **B:** 272.
McCabe, O. M. **1:** 12; 40; 75; 90.
McCann, Y. **2:** 9.
McCarthy, D. T. **B:** 30.
McCarthy, F. **1:** 47.
McCarthy, F. A. **1:** 48.
McCarthy, R. **1:** 8; 94; 95; 109; 177; 178.
McCarthy, T. K. **B:** 77; 131; **1:** 6; 9; 53; 63; 70; 87; 98; 99; 159; 160; 170; **2:** 32; 34; 52; 79.
McCaughey, W. J. **B:** 355.
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McClean, G. **B:** 154.
McClean, H. **B:** 272.
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McCloskey, J. M. **B:** 110.
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McCracken, A. R. **1:** 9; 70; 95; 141; 167; 178.
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McFadden, Y. M. T. **1:** 34; 89.
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McGavin, G. C. **2:** 41.
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McGoff, E. **2:** 9.
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McMahon, E. **B:** 110; 353; 357.
McMahon, S. **B:** 273.
McMillan, N. F. **B:** 30; **1:** 9.
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McNaeidhe, F. **B:** 35; 360.
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